

10-19-06

*JFW*

PTO/SB/21(09-06)

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>Application Number</b>	10/803,319	
	<b>Filing Date</b>	MARCH 18, 2004
	<b>First Named Inventor</b>	RAFAEL L. ESPINOZA
	<b>Art Unit</b>	1621
	<b>Examiner Name</b>	JAFAR F. PARSA
<b>Attorney Docket Number</b>	1856-43200 (9730.0-02)	
<b>Total Number of Pages in This Submission</b>	28	

## ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Three (3) cited references (22 pg.) - PTO/SB/8a/8b Forms (2 pg.) - Acknowledgment postcard
<b>Remarks</b>		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

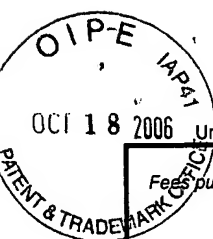
<b>Firm Name</b>	CONOCOPHILLIPS COMPANY		
<b>Signature</b>	<i>Beatrice C. Ortega</i>		
<b>Printed name</b>	BEATRICE C. ORTEGO		
<b>Date</b>	OCTOBER 18, 2006	<b>Reg. No.</b>	54,350

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as <del>Express</del> mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
<b>Signature</b>	<i>Patricia E. Motl</i>		
<b>Typed or printed name</b>	PATRICIA E. MOTL	<b>Date</b>	OCTOBER 18, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<b>FEE TRANSMITTAL</b> <b>For FY 2006</b>		<b>Complete if Known</b>	
		Application Number	10/803,319
		Filing Date	March 18, 2004
		First Named Inventor	Rafael L. Espinoza
		Examiner Name	Jafar F. Parsa
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Art Unit	1621
<b>TOTAL AMOUNT OF PAYMENT (\$)</b> 180.00		Attorney Docket No.	1856-43200 (9730.0-02)

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: **16-1575** Deposit Account Name: **ConocoPhillips Company**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
_____ - 20 or HP = _____	x _____	= _____	_____

HP = highest number of total claims paid for, if greater than 20

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
_____ - 3 or HP = _____	x _____	= _____	_____

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
_____ - 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____	_____

**4. OTHER FEE(S)****Fees Paid (\$)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1.17(p) FEE for SUBMISSION OF INFORMATION DISCLOSURE STATEMENT **\$180.00****SUBMITTED BY**

Signature	<i>Beatrice C. Ortego</i>	Registration No. (Attorney/Agent)	54,350	Telephone	(281) 293-4751
Name (Print/Type)	Beatrice C. Ortego	Date	October 18, 2006		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2..



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/803,319

Confirmation No.: 5941

Applicant(s): Rafael L. Espinoza et al

Examiner : Jafar F. Parsa

Filed : March 18, 2004

TC/A.U. : 1621

Docket No. : 1856-43200 (9730.0-02)

Customer No.: 31889

For: Optimized Particle Distribution For Slurry Bubble Column Reactors

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Date: October 18, 2006

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.97, §1.98, Applicant is providing herewith this supplemental Information Disclosure Statement, including copies of the supplementary items listed on the attached U.S. Patent and Trademark Office PTO/SB/08a/b Forms which substitutes 1449 Forms. This information is supplemental to the Information Disclosure Statement and Forms PTO 1449 filed in the above-referenced case on May 4, 2004.

In accordance with the United States Patent and Trademark Office OG Notice dated August 5, 2003, waiving the requirement under 37 C.F.R. 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC 371 after June 30, 2003, Applicant has not enclosed copies of the cited U.S. patents and/or U.S. patent application publications with this Information Disclosure Statement. In accordance with 37 CFR 1.98(a)(2), Applicant submitted copies of foreign patent documents and/or non-patent literature.

Applicant has listed publication dates on the attached PTO/SB/08a/b Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date

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indicated.

The references cited in the Search Report dated April 12, 2005 (enclosed herein) of PCT International Application PCT/US05/005863, which is a foreign counterpart application of the above U.S. Application were previously provided in the Information Disclosure Statement and Form PTO 1449 filed on May 4, 2004.

The submission of this supplemental Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicant hereby reserves the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

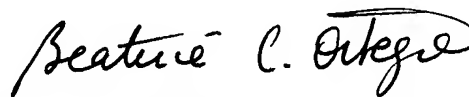
It is submitted that the art cited does not constitute a bar to the patentability of Applicant's invention under 35 U.S.C. § 102 or § 103.

Since an Office Action on the merits has been issued prior to the mailing date of this Supplemental Information Disclosure Statement, the Commissioner is authorized to charge Deposit Account Number 16-1575 of ConocoPhillips Company, Houston, Texas, in the amount of \$180 as required by §1.17(p), so that this Information Disclosure Statement may be considered under §1.97(c).

It is respectfully requested that the attached documents be considered and officially cited in the examination of this Application.

Respectfully submitted,

CONOCOPHILLIPS COMPANY  
IP LEGAL



by Beatrice C. Ortego  
PTO Reg. No. 54,350  
Agent for Applicant

Date: October 18, 2006

ConocoPhillips Company  
IP Legal  
600 North Dairy Ashford  
Houston, TX 77079-1175  
(281) 293-4751

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/803,319
Filing Date	MARCH 18, 2004
First Named Inventor	RAFAEL L. ESPINOZA
Art Unit	1621
Examiner Name	JAFAR F. PARSA
Attorney Docket Number	1856-43200 (9730.0-02)

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,157,054	10-20-1992	Herbolzheimer et al	
		US- 6,596,667	07-22-2003	Bellussi et al	
		US- 2003-0195264	10-16-2003	Newton et al	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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Application Number	10/803,319
Filing Date	MARCH 18, 2004
First Named Inventor	RAFAEL L. ESPINOZA
Art Unit	1621
Examiner Name	JAFAR F. PARSA
Attorney Docket Number	1856-43200 (9730.0-02)

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	BA	PCT International Preliminary Report on Patentability for International Application No. PCT/US05/05863 dated September 19, 2006 (4 p.)	
	BB	PCT Search Report for International Application No. PCT/US05/05863 dated April 12, 2005 (2 p.)	
	BC	SIE, S.T. & KRISHNA, R. (1999) "Fundamentals and selection of advanced Fischer-Tropsch reactors" Applied Catalysis A: General vol. 186, pp. 55-70 (16 p.)	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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